Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A coating method of dripping and applying a coating liquid on a coating surface of an object to be coated, while rotating the object to be coated, the coating surface being formed into a convex curved shape, the method comprising:

dripping the coating liquid in a ring shape in a vicinity of an outer circumference on the coating surface of the object to be coated, and thereafter

dripping the coating liquid in a spiral shape toward a geometrical center or an optical center of the object to be coated from the vicinity of the outer circumference,

wherein a rotational speed of the object to be coated at a time of dripping the coating liquid in the ring shape, is set to be a smaller value than a rotational speed of the object to be coated at a time of dripping the coating liquid in the spiral shape, and

wherein the rotational speed of the object to be coated is constant when the coating liquid is dripped in the ring shape, and the rotational speed of the object to be coated is constant when the coating liquid is dripped in the spiral shape.

2. (Canceled)

3. (Previously Presented) The coating method according to claim 1, wherein a viscosity of the coating liquid is 25 to 500 cps at 25°C.

4. (Currently Amended) A manufacturing method of a photochromic lens of dripping and applying a coating liquid having a photochromic function, on a coating surface of a lens while rotating the lens, and forming a coating film having the photochromic function on the coating surface of the lens, comprising:

dripping the coating liquid in a ring shape in a vicinity of an outer circumference on the coating surface of the lens, and thereafter

dripping the coating liquid in a spiral shape toward a geometrical center or an optical center of the lens from the vicinity of the outer circumference,

wherein a rotational speed of the lens at a time of dripping the coating liquid in the ring shape, is set to be a smaller value than a rotational speed of the lens at a time of dripping the coating liquid in the spiral shape, and

wherein the rotational speed of the lens is constant when the coating liquid is dripped in the ring shape, and the rotational speed of the lens is constant when the coating liquid is dripped in the spiral shape.

5. (Original) The manufacturing method of the photochromic lens according to claim 4, wherein the coating surface of the lens has a convex curved shape.

6. (Previously Presented) The manufacturing method of the photochromic lens according to claim 4, wherein a viscosity of the coating liquid is 25 to 500cps at 25°C.

7. (Canceled)

8. (Previously Presented) The manufacturing method of the photochromic lens according to claim 5, wherein a viscosity of the coating liquid is 25 to 500cps at 25°C.

9. (Previously Presented) The manufacturing method of a photochromic lens according to claim 4,

wherein the dripping of the coating liquid in the ring shape is performed by positioning a nozzle provided so as to be vertically ascendable/descendable to the lens and provided so as to be horizontally moveable in a diameter direction of the lens in the vicinity of the outer circumference, and

the dripping of the coating liquid in the spiral shape is performed by moving the nozzle from the vicinity of the outer circumference to a geometrical center or an optical center of the lens.

10. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, wherein a position of the nozzle when the coating liquid is dripped in the ring shape, and a moving locus of the nozzle when the coating liquid is dripped in the spiral shape, are determined based on shape data of the lens.

11. (Previously Presented) The manufacturing method of the photochromic lens according to claim 10, wherein the position of the nozzle when the coating liquid is dripped in the ring shape, is determined based on an outer diameter of the lens and a convex surface curve of the coating surface.

12. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, wherein a rotation time of the lens and a moving time of the nozzle are set based on an outer diameter of the lens.

13. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, wherein a rotational speed of the lens and a moving speed of the nozzle are set based on an outer diameter of the lens.

14. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, wherein a rotational speed and rotation time of the lens and a moving speed and a moving time of the nozzle are set based on an outer diameter of the lens.

15. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, wherein even if a viscosity of the coating liquid is changed due to a change of a temperature of the coating liquid, a pressure for dripping the coating liquid is adjusted based on the temperature of the coating liquid so that dripping flow rate of the coating liquid is fixed.

16. (Previously Presented) The manufacturing method of the photochromic lens according to claim 9, further comprising smoothing the coating liquid on the coating surface after the dripping of the coating liquid in the spiral shape is ended.

17. (Previously Presented) The manufacturing method of the photochromic lens according to claim 16, wherein smoothing the coating liquid on the coating surface includes a plurality of smoothing steps, and a rotational speed of the lens in each smoothing step is set based on a convex surface curve of the coating surface and a viscosity of the coating liquid due to a change of a temperature.

18. (Previously Presented) The manufacturing method of the photochromic lens according to claim 16, wherein the smoothing the coating liquid on the coating surface includes a plurality of smoothing steps, and a rotation time of the lens in each smoothing step is set based on a convex surface curve of the coating surface of the lens and a viscosity of the coating liquid due to a change of a temperature.

19. (Previously Presented) The manufacturing method of the photochromic lens according to claim 16, wherein the smoothing the coating liquid on the coating surface includes a plurality of smoothing steps, and a rotational speed and a rotation time of the lens in each smoothing step is set based on a convex surface curve of the coating surface of the lens and a viscosity of the coating liquid due to a change of a temperature.

20. (Currently Amended) A manufacturing method of a photochromic lens of dripping and applying a coating liquid having a photochromic function, on a coating surface of a lens while rotating the lens, and forming a coating film having the photochromic function on the coating surface of the lens, comprising:

holding the lens; thereafter,

positioning a nozzle provided so as to be vertically ascendable and descendable to the lens and provided so as to be horizontally moveable in a diameter direction of the lens, in a vicinity of an outer circumference of the lens; thereafter,

dripping the coating liquid in a ring shape in the vicinity of the outer circumference of the lens by the nozzle; thereafter,

dripping the coating liquid on the coating surface in a spiral shape, by moving the nozzle from the vicinity of the outer circumference of the lens to a geometrical center or an optical center of the lens; thereafter,

waiting for the coating liquid to spread over the coating surface; and thereafter,

smoothing the coating liquid applied on the coating surface,

wherein a rotational speed of the lens at a time of dripping the coating liquid in the ring shape, is set to be a smaller value than a rotational speed of the lens at a time of dripping the coating liquid in the spiral shape, and

wherein the rotational speed of the lens is constant when the coating liquid is dripped in the ring shape, and the rotational speed of the lens is constant when the coating liquid is dripped in the spiral shape.

21. (Canceled)